

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kengo MAEDA et al.

Serial No.: 10/590,225

International Filing Date: February 9, 2005

For: DLL CIRCUIT

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

The documents listed on the attached Form PTO/SB/08a/b were cited in an International Search Report mailed on May 31, 2005 (copy attached), directed to the international application and have not been previously cited.

This Information Disclosure Statement is submitted before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

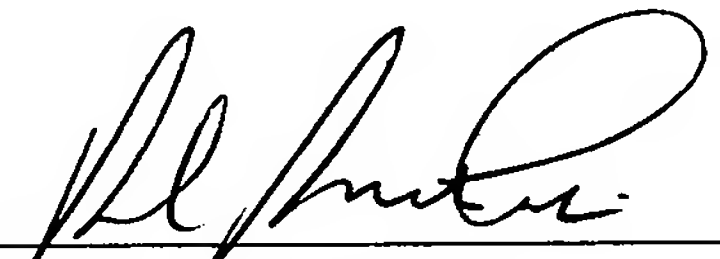
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 559502005500.

Dated: April 11, 2007

Respectfully submitted,

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/590,225
				International Filing Date	February 9, 2005
				First Named Inventor	Kengo MAEDA
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	559502005500

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	US-2002/0043996-A1	04-18-2002	Iwamoto	Corresponds to Cite No. 13.
	2.	US-2002/0122347-A1	09-05-2002	Frulio et al.	Corresponds to Cite No. 14.
	3.	US-6,088,255-A	07-11-2000	Matsuzaki et al.	Corresponds to Cite No. 9.
	4.	US-6,181,184-B1	01-30-2001	Yamazaki et al.	Corresponds to Cite No. 7.
	5.	US-6,377,092-B2	04-23-2002	Ikeda	Corresponds to Cite No. 12.
	6.	US-6,476,653-B1	11-05-2002	Matsuzaki	Corresponds to Cite No. 10.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	7.	JP-11-55091-A	2-26-1999	Fujitsu Ltd.	Corresponds to Cite No. 4.	
	8.	JP-4-105411-A	04-07-1992	Tokyo Shibaura Electric Co. et al.	Translation of Abstract Only	
	9.	JP-11-273342-A	10-08-1999	Fujitsu Ltd.	Translation of Abstract/ Corresponds to Cite No. 3.	
	10.	JP-2000-059210-A	02-25-2000	Fujitsu Ltd.	Translation of Abstract/ Corresponds to Cite No. 6.	
	11.	JP-2000-076852-A	03-14-2000	Mitsubishi Electric Corp.	Translation of Abstract Only	
	12.	JP-2001-326563-A	11-22-2001	Mitsubishi Electric Corp.	Translation of Abstract/ Corresponds to Cite No. 5.	
	13.	JP-2002-124873-A	04-26-2002	Mitsubishi Electric Corp.	Translation of Abstract/ Corresponds to Cite No. 1.	
	14.	JP-2002-230986-A	08-16-2002	ST Microelectronics SRL	Translation of Abstract/ Corresponds to Cite No. 2.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	15.	International Search Report mailed on May 31, 2005 for PCT Application No. PCT/JP2005/001896, 4 pages.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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